

# **Federal Public Key Infrastructure Policy Authority (FPKIPA)**

## **Minutes of the 9 May 2006 Meeting**

GSA, 7<sup>th</sup> & D Streets, SW, Room 5060, Washington, DC

### **A. AGENDA**

- 1) Welcome & Opening Remarks / Introductions
- 2) Discussion / Vote on Minutes from 14 March 2006 and 7 April FPKIPA meeting
- 3) Results of e-Vote on Revised Charter Language
- 4) Status of the USDA/NFC
- 5) FIPS 201 Re-Write
- 6) FPKI Certificate Policy Working Group (CPWG) Report
  1. Vote on the Wells Fargo Medium Hardware MOA
  2. Vote on the DEA CSOS Mapping at the Medium Level of Assurance
  3. Vote on CertiPath Bona fides and Business Processes
  4. Vote on CertiPath Mapping at 4 LOAs
  5. Vote on the Cross-Certification with CertiPath
  6. Report on Harmonization with the Common Policy
- 7) FPKI Operational Authority (FPKI OA) Report
  1. End to End Interoperability Testing
  2. Status of FBCA/Applicant Cross-Certification Technical Testing
  3. Data Call
- 8) Final Meeting Items
  - Other topics
  - June 13, 2006 FPKIPA Meeting
- 9) Adjourn Meeting

### **B. ATTENDANCE LIST**

#### **VOTING MEMBERS**

The meeting started with a quorum of eleven voting members present; a twelfth member (USPTO) joined the meeting in progress. OMB continues to be an ex-officio member and the Department of Energy is currently a non-voting member because of its audit status.

| <b>Organization</b>                   | <b>Name</b>                   | <b>Email</b> | <b>Telephone</b> |
|---------------------------------------|-------------------------------|--------------|------------------|
| Department of Commerce (NIST)         | Cooper, David                 |              |                  |
| Department of Defense                 | Hanko, Dave                   |              |                  |
| Department of Energy                  | Not currently a voting member |              |                  |
| Department of Health & Human Services | Alterman, Peter               |              |                  |
| Department of Homeland Security       | Represented by proxy to HHS   |              |                  |

| <b>Organization</b>        | <b>Name</b>       | <b>Email</b> | <b>Telephone</b> |
|----------------------------|-------------------|--------------|------------------|
| Department of Justice      | Morrison, Scott   |              |                  |
| Department of State        | Caldwell, Sally   |              |                  |
| Department of the Treasury | Schminky, James   |              |                  |
| GPO                        | Hannan, John      |              |                  |
| GSA                        | Cornell, John     |              |                  |
| NASA                       | DeYoung, Tice     |              |                  |
| OMB                        | Ex-Officio Member |              |                  |
| USDA/NFC                   | Sharp, Kathy      |              |                  |
| USPTO                      | Purcell, Art      |              |                  |

## **OBSERVERS**

| <b>Organization</b>                    | <b>Name</b>           | <b>Email</b> | <b>Telephone</b> |
|--|-----------------------|--------------|------------------|
| FPKI/FICC                              | Spencer, Judith       |              |                  |
| Department of State (ManTech)          | Froehlich, Charles R. |              |                  |
| FPKI OA Program Manager                | Jenkins, Cheryl       |              |                  |
| DHS (Cygnacom)                         | Shomo, Larry          |              |                  |
| Enspier (Secretariat)                  | Fincher, Judy         |              |                  |
| Operational Research Consultants, Inc. | Turissini, Dan        |              |                  |
| Wells Fargo                            | Drucker, Peri         |              |                  |
| Department of the Treasury (eValid8)   | Dilley, Brian         |              |                  |
| Department of Energy                   | Breland, Mary Ann     |              |                  |

## **C. MEETING ACTIVITY**

### **Agenda Item 1**

#### **Welcome & Opening Remarks / Introductions—Dr. Peter Alterman**

This meeting took place at the GSA Building, 7<sup>th</sup> and D Streets, SW, Washington, DC, in Room 5060. Dr. Peter Alterman of HHS and Chair of the FPKIPA called the meeting to order at 9:35 a.m. with attendee introductions.

### **Agenda Item 2**

#### **Discussion/Vote on 14 March 2006 and 17 April 2006 FPKIPA Minutes—Ms. Judy Fincher**

Ms. Fincher stated that NASA, HHS and Mr. Brant Petrick made comments on the March 14 minutes and Ms. Fincher incorporated them. The minutes were approved by ten "Yes" votes (of eleven voting members) or 90.9% where a simple majority of 50% was required. One member abstained. Brant Petrick posted the minutes to the web site within 24 hours of the meeting.

| <b>Approval vote for 14 March 2006 FPKIPA Minutes</b> |  |           |                |
|---|--|-----------|----------------|
| <b>Voting members</b>                                 | <b>Vote (Motion –NASA; 2<sup>nd</sup> – DoS)</b> |           |                |
|   | <b>Yes</b>                                       | <b>No</b> | <b>Abstain</b> |
| Department of Commerce                                |  |           | X              |
| Department of Defense                                 | X  |           |                |
| Department of Energy                                  | Not currently a Voting Member                    |           |                |
| Department of Health & Human Services                 | X  |           |                |
| Department of Homeland Security (Proxy to HHS)        | X  |           |                |
| Department of Justice                                 | X  |           |                |
| Department of State                                   | X  |           |                |
| Department of the Treasury                            | X  |           |                |
| GPO   | X  |           |                |
| GSA   | X  |           |                |
| NASA  | X  |           |                |
| OMB   | Ex Officio Member                                |           |                |
| USDA/NFC  | X  |           |                |
| USPTO   | Absent-joined the meeting in progress            |           |                |

NASA (Dr. Tice DeYoung) and Mr. Brant Petrick made comments on the April 17 minutes and Ms. Fincher incorporated them. The minutes were approved by nine "Yes" votes (of ten voting members) or 90% where a simple majority of 50% was required. Two members abstained. Brant Petrick posted the minutes to the web site within 24 hours of the meeting.

| <b>Approval vote 17 April 2006 FPKIPA Minutes</b> |   |           |                |
|---|---|-----------|----------------|
| <b>Voting members</b>                             | <b>Vote (Motion –NASA ; 2<sup>nd</sup> –Treasury)</b> |           |                |
|   | <b>Yes</b>  | <b>No</b> | <b>Abstain</b> |
| Department of Commerce                            |   |           | X              |
| Department of Defense                             |   |           | X              |
| Department of Energy                              | Not currently a Voting Member                         |           |                |
| Department of Health & Human Services             | X   |           |                |
| Department of Homeland Security (Proxy to HHS)    | X   |           |                |
| Department of Justice                             | X   |           |                |
| Department of State                               | X   |           |                |
| Department of the Treasury                        | X   |           |                |
| GPO   | X   |           |                |
| GSA   | X   |           |                |
| NASA  | X   |           |                |
| OMB   | Ex Officio Member                                     |           |                |
| USDA/NFC  | X   |           |                |
| USPTO   | Absent-joined the meeting in progress                 |           |                |

### Agenda Item 3

#### Results of the e-Vote on the Revised Charter Language— Dr. Peter Alterman

Dr. Alterman reported that ten (10) of twelve (12) voting members voted to approve the revisions to the Charter during the allotted time for the e-vote. This represents 83.3% of voting members where a 75% majority of eligible voters was required. The revisions to the Charter were approved and were posted to the web site after the results of the e-vote were published.

| Results of e-Vote to approve Revised Charter Language |                               |    |         |
|---|-------------------------------|----|---------|
| Voting members  | Vote                          |    |         |
|   | Yes                           | No | Abstain |
| Department of Commerce                                | X                             |    |         |
| Department of Defense                                 | X                             |    |         |
| Department of Energy                                  | Not currently a Voting Member |    |         |
| Department of Health & Human Services                 | X                             |    |         |
| Department of Homeland Security                       | X                             |    |         |
| Department of Justice                                 | X                             |    |         |
| Department of State                                   | X                             |    |         |
| Department of the Treasury                            | X                             |    |         |
| GPO   | X                             |    |         |
| GSA   | Did Not Vote                  |    |         |
| NASA  | X                             |    |         |
| OMB   | Ex Officio Member             |    |         |
| USDA/NFC  | Did Not Vote                  |    |         |
| USPTO   | X                             |    |         |

### Agenda Item 4

#### Status of the USDA/NFC—Dr. Peter Alterman, Kathy Sharp, Randy Speed

At the last FPKIPA meeting (April 17) Dr. Peter Alterman was asked to contact Randy Speed at the USDA/NFC OA and ask for their “official position” and termination plan/contingency plan. He received an email from Mr. Speed, with an attached letter from the USDA/NFC PKI Director, Cyrus G. Lohfink of April 25, 2006. That letter stated that the USDA/NFC would be phasing out of the PKI business services sector and focusing their efforts on two core businesses: payroll processing and human resource services.

At the May 9, 2006 FPKIPA meeting, Kathy Sharp and Randy Speed of the USDA/NFC joined via teleconference to discuss this development and the situation in New Orleans. Ms. Sharp reported on the hardships and challenges the NFC community is experiencing in the wake of Hurricane Katrina and the impact on USDA/NFC operations.

The PKI team has been broken up and the NFC is not issuing any new certificates. The number of active certificates affected is greater than 500. Some PKIs are standing down already, she stated. There was discussion about the Office of the Federal Register (OFR) and USAID, both of whom are in discussions with GPO and the Department of State, respectively.

The projected shut down date is targeted for July 1, but realistically, it is probably September 30, 2006. Randy Speed expressed his regrets for this decision and thanked the FPKIPA for the support he and his team have received over the years. Existing customers (Office of the Federal Register, NOAA, etc.) have been pointed to SSPs and to GPO, which has an application to become an SSP in process. He stated that a transition team is in place and that they have a contingency plan.

**ACTION:** Randy Speed is to inform the FPKIPA when the NFC no longer has any certificates, so that the NFC cross-certification can be revoked.

Judith Spencer told Mr. Speed that the NFC has been taken off the SSP list so they will not get any more inquiries. It is expected that the following SSPs will pick up some/all of the NFC customers: GPO, Treasury and ORC.

## **Agenda Item 5**

### **FIPS 201 Rewrite—Judith Spencer**

Judith Spencer reported on a CPWG activity to respond to a NIST request for input to the FIPS 201-1 omnibus re-write. A memorandum has been drafted for CPWG review requesting that NIST revoke the FIPS 201 requirement that entities cross-certified with the Federal Bridge have to assert the Common Policy OIDs by January 1, 2008. The draft recommendation will be distributed to the FPKIPA once the CPWG has signed off on it. There will be an e-vote on the recommendation at that time. The recommendation will be sent as an e-mail attachment to Kurt Barker at NIST from the FPKIPA.

FPKIPA members who have PKI-related issues are encouraged to participate in this FIPS 201-1 omnibus re-write.

## **Agenda Item 6**

### **FPKI Certificate Policy Working Group (CPWG) Report—David Cooper**

1. Vote on Wells Fargo Medium Hardware MOA

This vote was not taken because the MOA is not yet finalized. John Cornell held a meeting with interested agency lawyers, which resulted in a revised version being sent to Wells Fargo. We are still waiting for Wells Fargo to respond. Ms. Peri Drucker (Wells Fargo), who was in attendance, stated that Wells Fargo is still dealing with the issue of liability caps and will respond to the latest MOA version shortly.

This vote has been postponed until the 13 June 2006 FPKIPA meeting. It will not be processed as an e-vote.

## 2. Vote on DEA CSOS Mapping at the Medium Level of Assurance

David Cooper reported that the CPWG approved the DEA CSOS mapping at the Medium Level of Assurance and referred to the CPWG DEA CSOS mapping recommendation developed by Mr. Tim Polk, Co-Chair of the CPWG, which was circulated to the FPKIPA listserv prior to this meeting.

The one remaining issue was satisfactorily resolved, e.g., use by the DEA CSOS of FIPS 140-Level 1 crypto module for RA operations. It was pointed out that the RAs were signing something we do by paper and that their CA uses FIPS 140-Level 3 modules.

The DEA CSOS mapping at the Medium Level of Assurance was unanimously approved, where a 75% majority vote was required.

| <b>Vote to approve DEA CSOS Mapping at the Medium Level of Assurance</b> |  |           |                |
|--|--|-----------|----------------|
| <b>Voting members</b>  | <b>Vote (Motion –GSA; 2<sup>nd</sup> –DoS)</b> |           |                |
|  | <b>Yes</b>                                     | <b>No</b> | <b>Abstain</b> |
| Department of Commerce   | X  |           |                |
| Department of Defense  | X  |           |                |
| Department of Energy   | Not currently a Voting Member                  |           |                |
| Department of Health & Human Services                                    | X  |           |                |
| Department of Homeland Security (Proxy to HHS)                           | X  |           |                |
| Department of Justice  | X  |           |                |
| Department of State  | X  |           |                |
| Department of the Treasury   | X  |           |                |
| GPO  | X  |           |                |
| GSA  | X  |           |                |
| NASA   | X  |           |                |
| OMB  | Ex Officio Member                              |           |                |
| USDA/NFC   | X  |           |                |
| USPTO  | X  |           |                |

## 3. Vote on CertiPath Bona fides and Businesses Processes

The CPWG issued a memorandum recommending approval of the CertiPath Bona fides and Businesses Processes, which was circulated to the FPKIPA prior to this meeting. The CPWG held two meetings with

CertiPath to review its charter and businesses processes. Based on these discussions, the CPWG subject matter experts determined that “CertiPath’s charter and businesses processes provide an equivalent level of assurance...” and recommended approval of the CertiPath cross-certification application.

This measure passed with nine (9) “Yes” votes of 12 voting members, or 75%, where a 75% majority vote was required to accept CertiPath Bona fides and Business Processes. Three (3) members abstained.

| <b>Vote to Approve CertiPath Bona fides and Business Processes</b> |   |           |                |
|--|---|-----------|----------------|
| <b>Voting members</b>  | <b>Vote (Motion –Commerce; 2<sup>nd</sup> – GSA )</b> |           |                |
|  | <b>Yes</b>  | <b>No</b> | <b>Abstain</b> |
| Department of Commerce   | X   |           |                |
| Department of Defense  |   |           | X              |
| Department of Energy   | Not currently a voting member                         |           |                |
| Department of Health & Human Services                              | X   |           |                |
| Department of Homeland Security (Proxy to HHS)                     | X   |           |                |
| Department of Justice  | X   |           |                |
| Department of State  | X   |           |                |
| Department of the Treasury   | X   |           |                |
| GPO  | X   |           |                |
| GSA  | X   |           |                |
| NASA   |   |           | X              |
| OMB  | Ex Officio Member                                     |           |                |
| USDA/NFC   |   |           | X              |
| USPTO  | X   |           |                |

#### 4. Vote on CertiPath Mapping at 4 LOAs

The CPWG issued a recommendation prior to this meeting to approve the CetiPath Mapping at four (4) Levels of Assurance: Medium, Medium Commercial Best Practices, Medium Hardware, Medium Hardware Commercial Best Practices. Eleven (11) or 91.7% of the 12 voting members voted in favor of this recommendation where a 75% majority vote was required.

| <b>Vote to approve CertiPath Mapping at Four (4) LOAs:<br/>Medium, Medium CBP, Medium Hardware, Medium Hardware CBP</b> |   |           |                |
|---|---|-----------|----------------|
| <b>Voting members</b>   | <b>Vote (Motion –GSA; 2<sup>nd</sup> – DoS)</b> |           |                |
|   | <b>Yes</b>                                      | <b>No</b> | <b>Abstain</b> |
| Department of Commerce  | X   |           |                |
| Department of Defense   |   | X         |                |
| Department of Energy  | Not currently a Voting Member                   |           |                |
| Department of Health & Human Services   | X   |           |                |
| Department of Homeland Security (Proxy to HHS)  | X   |           |                |
| Department of Justice   | X   |           |                |
| Department of State   | X   |           |                |
| Department of the Treasury  | X   |           |                |
| GPO   | X   |           |                |

| Vote to approve CertiPath Mapping at Four (4) LOAs:<br>Medium, Medium CBP, Medium Hardware, Medium Hardware CBP |   |    |         |
|---|---|----|---------|
| Voting members  | Vote (Motion –GSA; 2 <sup>nd</sup> – DoS) |    |         |
|   | Yes                                       | No | Abstain |
| GSA   | X   |    |         |
| NASA  | X   |    |         |
| OMB   | Ex Officio Member                         |    |         |
| USDA/NFC  | X   |    |         |
| USPTO   | X   |    |         |

The recommendation passed after some discussion as to whether end-entity interoperability testing had been performed. Cheryl Jenkins explained that this is not currently a requirement, but that such testing can be performed upon request. A lengthy discussion ensued about end to end interoperability testing. Dr. Alterman explained that Bridge-to-Bridge interoperability testing had been conducted with the Higher Education Bridge using a CAM/DAVE path discovery and validation tool with a Registry of Directories for several years (2001-2004). This functionality is equivalent to that currently offered by CoreStreet (OCSF responder) and perhaps Tumbleweed. A video was made of this demo capability.

When DoD (Dave Hanks) objected that he had not seen the demo, he was informed that his predecessor had. Furthermore, Ms. Spencer explained, if DoD continues to have reservations about Bridge-to-Bridge interoperability, DoD can only accept .gov domains until it is comfortable with the process.

Dr. Alterman stated that he is working with Ms. Jenkins on a proposal regarding end-to-end interoperability testing and that it will be presented to the FPKIPA this summer.

## 5. Vote on Cross-Certification with CertiPath

Dr. Alterman stated that CertiPath had satisfied all requirements for cross-certification:

- It had passed technical interoperability
- The mapping had been approved
- The Bona fides and business processes (Charter), and policies (CertiPath CP) had been approved

CertiPath was ready to be cross-certified with the Federal Bridge. The final version of the MOA, he said, would be signed after this vote.

The proposal to vote on cross certifying with CertiPath, the first PKI Bridge, touched off a highly contentious debate with DoD (Dave Hanks) announcing from the outset that it would have to vote "No." Dave Hanks noted that DoD is



committed to sharing of information and sees the value of the CertiPath Bridge once all of the issues are resolved. However, Dave Hanko said that he would have difficulty voting yes as he did not have the buy-in from the DoD stake holders for legal, operational, security, and technical issues. Dave Hanko noted that due to staff shortfalls, access to subject matter experts, and over commitments of PMO action officers, DoD was having difficulties keeping up with the faster pace of the Federal Bridge. Given the constraints—DoD would have to vote No on CertiPath's application. DoD asked for additional time to coordinate with the DoD stake holders, but the Chair declined to provide additional time.

Judith Spencer stated that since 2002 the FPKIPA has been facing external potential partners such as the Transatlantic Secure Collaboration Program (TSCP). Cross-certification with CertiPath is an evolutionary step. CertiPath has put in a good faith effort to respond to everything we have asked them to do, including holding a special meeting with DoD to respond to DoD's questions about the CertiPath CP (April 21) and rewriting their CP to DOD specifications.

Dr. Alterman commented that the FPKIPA had buy-in and compliance regarding the methodology for cross certifying with another bridge. Moreover, we had participation from DOD's staff on the businesses processes and mapping recommendation, in addition to "your exclusive concerns" regarding Section 9, which is not mappable. The DOD team had participation in every step along the way and had satisfied all DOD issues and concerns.

Dr. Alterman urged the FPKIPA to vote today. They have satisfied all our requirements, he pointed out. They have followed our processes.

Dr. Tice DeYoung (NASA) raised the issue of how the ongoing harmonization effort (of the FBCA CP with the Common Policy and FIPS 201) would affect external bridges. Ms. Spencer responded that no changes would be made to the Federal Bridge unless all members agree there is no impact. Plus, CertiPath identified areas in our policy where we need to put more controls in place. The CPWG met May 4 to draft an omnibus change proposal to the FBCA CP, based on input from CertiPath.

John Hannan (GPO) wanted to know if CertiPath is demanding that we make these changes before they will cross certify? Dr. Alterman answered, "No." Scott Morrison (DoJ) asked if CertiPath will walk away if we don't make these changes." Judith Spencer responded, "No."

Cheryl Jenkins pointed out that the changes CertiPath has asked for would not break operations. "It is in our best interest to make these changes."

Dr. Alterman summarized reasons for voting today:

1. It's the right thing to do since they have followed our processes

2. CertiPath has their own business schedule which will be impacted if we do not act promptly
3. CertiPath has satisfied every requirement we put before them.

We are maintaining trust in a Bridged environment, Dr. Alterman emphasized.

Dr. DeYoung wanted to know how much more time DoD needed to be able to vote. Mr. Hanko responded that he needed one more meeting cycle, e.g., until June 13, in order to get the stakeholders involved. But he could not promise that DOD would even then vote affirmatively.

Dr. DeYoung then made a motion to table the vote for two weeks, with one week to process an e-vote on cross-certification. This vote did not pass. Eight of the eleven (11) voting members supported the motion, or 72.7%, where a 75% majority was required. There was one abstention.

| <b>Vote to postpone the Vote on Cross-Certifying CertiPath to an e-vote 2 weeks from today, with a week to get it in</b> |   |           |                |
|--|---|-----------|----------------|
| <b>Voting members</b>  | <b>Vote (Motion –NASA; 2<sup>nd</sup> – Treasury)</b> |           |                |
|  | <b>Yes</b>  | <b>No</b> | <b>Abstain</b> |
| Department of Commerce   | X   |           |                |
| Department of Defense  | X   |           |                |
| Department of Energy   | Not currently a Voting Member                         |           |                |
| Department of Health & Human Services  |   | X         |                |
| Department of Homeland Security (Proxy to HHS)   |   |           | X              |
| Department of Justice  | X   |           |                |
| Department of State  |   | X         |                |
| Department of the Treasury   | X   |           |                |
| GPO  | X   |           |                |
| GSA  |   | X         |                |
| NASA   | X   |           |                |
| OMB  | Ex Officio Member                                     |           |                |
| USDA/NFC   | X   |           |                |
| USPTO  | X   |           |                |

The FPKIPA then moved to a vote on cross-certifying with CertiPath. Initially, this vote failed. Dr. Alterman asked if we trust our own processes or not. We should have voted on the merits of the issue.

Scott Morrison stated that he still had concerns with the omnibus change proposal. He did not see any overwhelming urgency. What's the rush? he wanted to know.

John Hannan asked if there was a way to revisit the vote. Jim Schminky made a motion to do a one-way cross-certification with CertiPath. We would trust them.

Dan Turissini wanted to know how CertiPath's pre-operational audit process would work in the FBCA environment. Dr. Alterman explained that the pre-operational audit was not one of the changes that the CPWG had agreed to.

**ACTION:** The CPWG will discuss the pre-operational audit process that CertiPath has adopted.

Initially, the vote to cross certify with CertiPath failed by a vote of eight in favor, of eleven voting members, with one abstention, or 72.7% where a 75% majority was required. The measure passed with nine "Yes" votes of twelve voting members or 75% when USPTO changed its vote from "Abstain" to "Yes" after those members who voted "No" explained their rationale. The FPKIPA voted to cross certify with CertiPath.

| <b>Vote to Approve Cross-Certification of CertiPath with the Federal Bridge</b> |   |           |   |
|---|---|-----------|---|
| <b>Voting members</b>   | <b>Vote (Motion – Treasury; 2<sup>nd</sup> – GSA)</b> |           |   |
|   | <b>Yes</b>  | <b>No</b> | <b>Abstain</b>                            |
| Department of Commerce  | X   |           |   |
| Department of Defense   |   | X         |   |
| Department of Energy  | Not currently a Voting Member                         |           |   |
| Department of Health & Human Services   | X   |           |   |
| Department of Homeland Security (Proxy to HHS)                                  | X   |           |   |
| Department of Justice   |   | X         |   |
| Department of State   | X   |           |   |
| Department of the Treasury  | X   |           |   |
| GPO   | X   |           |   |
| GSA   | X   |           |   |
| NASA  |   | X         |   |
| OMB   | Ex Officio Member                                     |           |   |
| USDA/NFC  | X   |           |   |
| USPTO   | X   |           | Initially abstained/changed vote to "Yes" |

## 6. Report on Harmonization with the Common Policy—Judith Spencer

The CPWG met April 18-19 to continue its review of the 3647 version of the Common Policy CP, e.g., reformatting the Common Policy CP into RFC 3647 format. In the process some harmonization of the Common Policy with the FBCA CP occurred.

**ACTION:** Judith Spencer is to send out to the FPKIPA listserv the clean copy and red-lined copy of the Common Policy CP, as edited by the CPWG.

On May 16-17, 2006, the CPWG will meet to harmonize the Common Policy CP with FIPS 201. Do we have to express the Common Policy OIDs? Then the next step will be to review the FBCA CP and find out

where it falls short of the Common Policy. This will be difficult because there is no Common Policy mapping matrix. We will also need to harmonize the FBCA CP with FIPS 201, she said.

### **Agenda Item 7**

#### **FPKI Operational Authority (FPKI OA) Report—Cheryl Jenkins**

1. End to end Interoperability Testing  
Cheryl Jenkins is working on an end-to-end interoperability testing proposal, with accompanying diagrams, and will present it to the FPKIPA in July 2006.
2. Status of FBCA/Applicant Cross-Certification Technical Testing (any changes in bold)

Ms. Jenkins reported that DEA CSOS has successfully completed technical interoperability testing and that she wants an e-vote next week to approve this testing.

**ACTION:** Ms. Jenkins will send the DEA CSOS technical interoperability testing report to Judy Fincher for an e-vote next week (May 15-19, 2006).

| <b><u>Completed</u></b> |                   |                 | <b><u>Current</u></b> | <b><u>Future</u></b> |
|-------------------------|-------------------|-----------------|-----------------------|----------------------|
| Dept of the Treasury    | Dept of Energy    | USPTO           | Boeing                | Adobe                |
| NASA                    | State of Illinois | DHS             |                       | USPS                 |
| USDA/NFC                | Dept of Labor     | HEBCA           |                       |                      |
| ACES/DST                | Wells Fargo       |                 |                       |                      |
| DOJ                     | GPO               | DoD             |                       |                      |
| DoD KMI                 | ACES/ORC          |                 |                       |                      |
| Government of Canada    | DoD ECA           | CertiPath       |                       |                      |
| Dept of State           | ACES/AT&T         | <b>DEA CSOS</b> |                       |                      |

### 3. Data Call

Dr. Alterman issued an email request to the FPKIPA listserv on 4/27/05 asking that FPKIPA members provide data on their operational costs by May 11, 2006. The current FPKI OA operations average about \$1.5M per year and the proposed GSA budget for FPKI OA operations is \$500-\$750K, a turn off the lights scenario, according to Ms. Jenkins.

Quoting from Dr. Alterman's email:

"GSA, which operates the FPKI Operational Authority (Cheryl's bailiwick), is competing an O & M contract for ops support. In order to develop a realistic Independent Government Estimate of cost, we really need to know what YOUR operational costs are. Pick this year or last year. Please include:

1. daily operations including redundancy site(s),
2. hardware, software and site costs, including UPS, T3, firewall, etc.,
3. C&A efforts, and
4. support for working groups (i.e., Policy Authority, CPWG, FBCA TWG, and PD-Val WG).

If the data is murky, give us your best estimates."

The information will be aggregated and your individual inputs will be kept in confidence and not shared. "

ACTION: Ms. Jenkins will send out budget estimate for categories to assist FPKIPA members in estimating their PKI costs. (Space, equipment, manpower, C&As, infrastructure, such as firewalls and communications network, etc).

## Agenda Item 8

### Final Meeting Items—Dr. Peter Alterman

#### ➤ Other Topics

John Hannan of the GPO reported that the CIO for GPO signed the SSP application on May 8, 2006.

Dr. Alterman announced that DST/Identrust says they will reapply to be an SSP shortly.

### **DoD Conference**

The 2nd Annual DoD Identity Protection and Management Conference will be held June 5-8, 2006 in Jacksonville, FL. DoD will send out invitations to FPKIPA members within two weeks. Registration closes May 22, 2006 or until the conference attendance is full. There will be no on-site registration for this conference. Ms. Judith Spencer and Mr. David Cooper will be speaking at the conference.

### **June 13, 2006 FPKIPA Meeting**

The next FPKIPA meeting will be held on June 13, 2006 from 9:30 a.m. until noon at the Jet Propulsion Laboratory at 400 Virginia Ave., SW, Suite 720, due to the fact that our regular meeting room is being remodeled.

## **Agenda Item 9**

### **Adjourn Meeting**

The meeting adjourned at 12:10 p.m.

## **CURRENT ACTION ITEMS**

| <b>No.</b> | <b>Action Statement</b>   | <b>POC</b>             | <b>Start Date</b>                    | <b>Target Date</b>                | <b>Status</b> |
|------------|---|------------------------|--------------------------------------|-----------------------------------|---------------|
| 057        | Write a short paper that says from here forward the FBCA OA will limit FBCA acceptance testing to systems that demonstrate enhanced assurance through NIAP testing.   | Tim Polk, NIST         | 8 July 2003<br>Updated – 9 Sept 2003 | 9 Dec 2003<br>FPKIPA meeting      | <b>Open</b>   |
| 062        | Define the NIAP certification requirement for future bridge membrane applications.  | Tim Polk, NIST         | 9 Sept 2003                          | 9 Dec 2003<br>FPKIPA meeting      | <b>Open</b>   |
| 085        | Test/evaluate the PKCS-12 usage issue and make a recommendation to the FPKIPA at a meeting in the near future.  | Tim Polk, NIST         | 13 July 2004                         | 12 October 2004<br>FPKIPA meeting | <b>Open</b>   |
| 136        | Mr. Polk will task Mr. David Cooper to test the Adobe software at NIST [using the PKITS test suite for Path Discovery and Validation] by next month and will schedule a meeting with Adobe and the FPKIPA if the testing goes well. | Tim Polk, David Cooper | 13 Sept. 2005                        | 11 Oct. 2005                      | <b>Open</b>   |
| 138        | Mr. Tim Polk will draft a White Paper before the September 13 FPKIPA meeting, to be distributed after the policy is finished and voted. Agencies need to know the "gap" between RFC 2527 and  | Tim Polk               | 9 August 2005                        | 13 Dec. 2005                      | <b>Open</b>   |

| No. | Action Statement  | POC                                | Start Date    | Target Date     | Status |
|-----|---|------------------------------------|---------------|-----------------|--------|
|     | RFC 3647, since agencies will be required to re-write their CPs.  |                                    |               |                 |        |
| 139 | Ms Cheryl Jenkins will help Mr. Polk create a delta matrix table for agencies to use to measure their CPs [delta between RFC 3647 and RFC 2527].  | Cheryl Jenkins                     | 9 August 2005 | 13 Sept. 2005   | Open   |
| 142 | Dr. Peter Alterman needs to provide the following MOAs and LOAs to Mr. Darron Tate.<br><div style="display: flex; justify-content: space-between;"> <div> <u>Organization</u><br/> ORC<br/> DoD ECA<br/> Wells Fargo </div> <div> <u>Need to provide</u><br/> LOA<br/> LOA, MOA<br/> LOA, MOA </div> </div> | Dr. Peter Alterman                 | 13 Sept. 2005 | 11 Oct. 2005    | Open   |
| 143 | Mr. Tim Polk will schedule a CPWG meeting on the synchronization of the Common Policy, the FBCA Cert Policy, and FIPS 201.  | Tim Polk                           | 13 Sept. 2005 | 17 January 2006 | Open   |
| 156 | Make sure that Mr. Steve Duncan does this [issues certs under the new Profile] for the ACES vendors.  | Steve Duncan                       | 8 Nov. 2005   | Ongoing         | Open   |
| 159 | Mr. David Temoshok of the GSA Office of Government-wide Policy will circulate a White Paper on the implementation of FPKI end-entity applications.  | David Temoshok                     | 8 Nov. 2005   | 10 Jan. 2006    | Open   |
| 171 | Once the ETSI WG finishes their review of our mapping to the ETSI Qualified CP, they have requested that we post the mapping matrices to a web site they will have access to. Mr. Brant Petrick will post the matrices, once the approved version is received.  | Brant Petrick                      | 13 Dec. 2005  | January 2006    | Open   |
| 187 | Mr. Tim Polk and Ms. Judy Spencer will meet with DoD to conceptualize a plan to help DoD internally to upgrade its CA's and shore up its infrastructure (repositories).   | Tim Polk, Judy Spencer, Dave Hanko | 10 Jan. 2006  | 14 Feb. 2006    | Open   |
| 188 | Ms. Debbie Mitchell, DoD, will respond to Dr. Alterman by 1/13/06 with the answers to these questions: Should the DoD ECA be mapped to the FBCA Medium Hardware Level of Assurance? Is the cross-cert to be bidirectional or only one way?  | Debbie Mitchell                    | 10 Jan. 2006  | 13 Jan. 2006    | Open   |

| <b>No.</b> | <b>Action Statement</b>  | <b>POC</b>   | <b>Start Date</b> | <b>Target Date</b> | <b>Status</b> |
|------------|--|--|-------------------|--------------------|---------------|
| 189        | Ms. Cheryl Jenkins is to draft straw man language for the MOA to strengthen members' operational responsibilities, so as to preserve system integrity.   | Cheryl Jenkins                                       | 10 Jan. 2006      | 14 Feb. 2006       | <b>Open</b>   |
| 191        | Mr. Art Purcell will be put on the work team to provide information on federal regulations that govern storage of the documents that will be posted to the shared Document Management Services system on behalf of the Policy Authority. | Cheryl Jenkins                                       | 10 Jan. 2006      | 14 Feb. 2006       | <b>Open</b>   |
| 193        | Dr. Peter Alterman and the head of the OA will negotiate terms for the cross-certification process and add this language to the By-Laws document. This will be brought to the Policy Authority for a vote.                               | Dr. Peter Alterman, Head of the OA (Cheryl Jenkins?) | 10 Jan. 2006      | 14 Feb. 2006       | <b>Open</b>   |
| 199        | DoD will send a list of issues that would need to be addressed to get DoD two-way cross-certified to Ms. Caldwell and Dr. Alterman.  | Dave Hanco   | 14 Feb 2006       | 14 March 2006      | <b>Open</b>   |
| 205        | Dr. Alterman will distribute minutes of the Grid PMA meeting to the FPKI PA  | Dr. Peter Alterman                                   | 14 Feb 2006       | ?                  | <b>Open</b>   |
| 210        | Ms. Cheryl Jenkins and Dr. Tice DeYoung will schedule a FBICA-TWG meeting in April and will publish the agenda.  | Cheryl Jenkins, Tice DeYoung                         | 14 March 2006     | 15 April 2006      | <b>Open</b>   |
| 211        | Ms. Judy Spencer is to speak with Acting Federal Acquisition Service Commissioner G. Martin Wagner regarding leasing other space at the Willow Woods facility for the FPKIA operations center.   | Judy Spencer   | 14 March 2006     | 31 March 2006      | Open          |
| 212        | Ms. Cheryl Jenkins is to develop a PD-Val Interoperability Testing Proposal & Flow Chart.  | Cheryl Jenkins                                       | 14 March 2006     | 17 April 2006      | Open          |
| 213        | Judy Fincher is to set up a meeting for Dr. Peter Alterman, Tim Polk and Judy Fincher the first week in May 2006 to review the action items list.  | Judy Fincher   | 17 April 2006     | 24 April 2006      | Open          |
| 215        | Judy Fincher will send out the agreed MOA language to the FPKIPA listserv for an e-vote next week.   | Judy Fincher   | 17 April 2006     | 24 April 2006      | Open          |



| <b>No.</b> | <b>Action Statement</b>   | <b>POC</b>                      | <b>Start Date</b> | <b>Target Date</b> | <b>Status</b> |
|------------|---|---------------------------------|-------------------|--------------------|---------------|
| 220        | John Hannan of the GPO is to follow up with Adobe regarding their cross-certification plans.  | John Hannan                     | 17 April 2006     | 9 May 2006         | Open          |
| 221        | Mr. Randy Speed is to inform the FPKIPA when the NFC no longer has any certificates, so that the NFC cross-certification can be revoked.  | Randy Speed                     | 9 May 2006        | 30 Sept. 2006      | Open          |
| 222        | The CPWG will discuss the pre-operational audit process that CertiPath has adopted.   | CPWG                            | 9 May 2006        | June 2006          | Open          |
| 223        | Judith Spencer is to send out to the FPKIPA listserv the clean copy and red-lined copy of the Common Policy CP, as edited by the CPWG.  | Judith Spencer                  | 9 May 2006        | 15 May 2006        | Open          |
| 223        | Ms. Jenkins will send the DEA CSOS technical interoperability testing report to Judy Fincher for an e-vote next week (May 15-19).   | Cheryl Jenkins,<br>Judy Fincher | 15 May 2006       | 19 May 2006        | Open          |
|            | Ms. Jenkins will send out budget estimate for categories to assist FPKIPA members in estimating their PKI costs. (Space, equipment, manpower, C&As, infrastructure, such as firewalls and communications network, etc). | Cheryl Jenkins                  | 9 May 2006        | 15 May 2006        | Open          |